

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



10/533532



(43) International Publication Date  
13 May 2004 (13.05.2004)

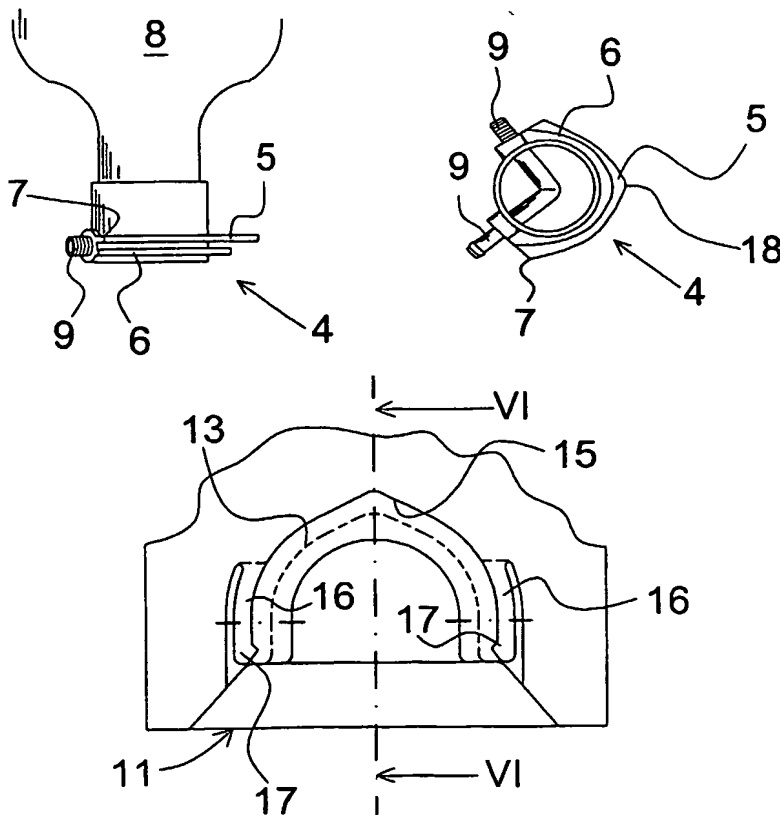
PCT

(10) International Publication Number  
WO 2004/039567 A1

- (51) International Patent Classification<sup>7</sup>: B29C 73/16  
// 73/02, B60S 5/04
- (21) International Application Number:  
PCT/DK2003/000726
- (22) International Filing Date: 28 October 2003 (28.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
BA 2002 00340 31 October 2002 (31.10.2002) DK
- (71) Applicant (for all designated States except US): ACTIVE  
TOOLS A/S [DK/DK]; Møllerupvej 24, DK-8410 Rønede  
(DK).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LÆTGAARD,  
Thomas [DK/DK]; Banevænget 2B, DK-8700 Horsens  
(DK).
- (74) Agent: PATRADE A/S; Fredens Torv 3A, DK-8000  
Århus C (DK).
- (81) Designated States (national): AE, AG, AL, AM, AT (uti-  
lity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (uti-  
lity model), DE, DK (utility model), DK, DM, DZ, EC, EE  
(utility model), EE, EG, ES, FI (utility model), FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,  
SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.
- (84) Designated States (regional): ARIPO utility model (GH),  
ARIPO patent (GH), ARIPO utility model (GM), ARIPO  
patent (GM), ARIPO utility model (KE), ARIPO patent  
(KE), ARIPO utility model (LS), ARIPO patent (LS),  
ARIPO utility model (MW), ARIPO patent (MW), ARIPO  
utility model (MZ), ARIPO patent (MZ), ARIPO utility  
model (SD), ARIPO patent (SD), ARIPO utility model

[Continued on next page]

(54) Title: PUMP UNIT FOR VEHICLES



(57) Abstract: A pump unit for use in  
pumping and repairing car tyres has a  
box-like jacket (1) in which is provided  
a socket (10) for fixing a bottle (8) with  
repair fluid and with a lid/adaptor (4)  
known per se with a large and a small  
collar (5, 6). By the invention is provided  
securing of the adaptor (4) and thereby of  
the bottle (8) by providing the socket with  
two resilient arms (16) that may grip with  
projections (17) around the large collar  
(5) behind existing edges (7), thus forming  
a spring catch for the adaptor (4). Hence  
is provided secure holding of the adaptor  
(4) and ready insertion and removal of the  
bottle (8) in a simple way.

WO 2004/039567 A1